



**agriculture  
& rural development**

Department:  
agriculture  
& rural development  
**PROVINCE OF KWAZULU-NATAL**

**INVITATION OF QUOTATION ABOVE R30,000.00**

THIS FORM SHOULD BE COMPLETED IN DETAIL AND SHOULD BE ACCOMPANIED BY A **VALID TAX COMPLIANCE STATUS PIN AND VALID BBEE VERIFICATION CERTIFICATE/AFFIDAVIT**

QUOTATION NUMBER: R/S/1819/1399	VALIDITY PERIOD OF QUOTATION..... Days (To be completed by the Supplier)
CLOSING DATE: <b>21/09/2018</b>	CLOSING TIME:11H00
DESCRIPTION(SPECIFICATION/S) OF ITEMS/ SERVICE REQUIRED: <b>SUPPLY , DELIVER AND ERECT FENCING TONGAAT CLUSTER ETHEKWINI DISTRICT</b>	COMPANY NAME:  TEL NO: FAX NO:  CONTACT PERSON:  <b>CSD REG NUMBER MAAA.....</b>
DOES OFFER COMPLY WITH SPECIFICATION?	YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DOES ARTICLE COMPLY WITH SABS SPECIFICATION? HAS IT BEEN INSPECTED BY SABS?	YES/NO YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DELIVERY PERIOD AFTER INITIAL ORDER?	
IS THE PRICE FIRM	
WHERE ARE THE STOCK HELD? (PHYSICAL ADDRESS , PLEASE)	
QUOTATION PRICE INCLUDING VAT (VAT TO BE ADDED BY REGISTERED VAT VENDORS ONLY)	TOTAL: R .....
COMPANY OFFICIAL STAMP (COMPULSORY)	..... SIGNATURE OF BIDDER  ..... DATE
NUMBER OF PAGES SUBMITTED BACK TO THE DEPARTMENT BY THE SUPPLIER	.....( Supplier to complete)

**NB: QUOTATION FOR THE ATTENTION OF: Bonnie Nzimande  
TELEPHONE NUMBER: 033 355 9568**

**NB:**  
THE ATTACHED SBD4 & SBD9 FORMS MUST BE COMPLETED IN FULL.  
THIS REQUEST FOR QUOTATION (RFQ) MUST BE COMPLETED AND RETURNED WITH ALL YOUR QUOTATION DOCUMENTS.

**QUOTATIONS MUST BE DEPOSITED IN THE BID BOX SITUATED AT: THE DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT: 1 CEDARA ROAD , CEDARA , 3200**

## ANNEXURE A

COMPANY NAME .....

ADDRESS .....

CONTACT PERSON .....

CONTACT NUMBER .....

FAX NUMBER .....

LINE NO.	DESCRIPTION OR SPECIFICATION OF ITEM (Please be very specific and clear)	REQUIRED QUANTITY	UNIT PRICE EXCL. VAT		TOTAL PRICE	
			R	C	R	C
	<b>According to the departmental design and specifications as per attached bid documents – see bill of quantities for 11 garden projects under the TONGAAT-VERULAM CLUSTER PROJECT</b>	<b>With 3 part payments</b>				
1.	Supply, deliver and install fencing according to departmental design and specifications – <b>4.821 KM</b> – see attached specifications for 11 garden projects	11 garden projects				
NOTE						
	ARE YOU A VAT REGISTERED SUPPLIER	YES: _____	NO: _____			
			* LABOUR (IF APPLICABLE)			
			*DELIVERY (IF APPLICABLE)			
			TOTAL			
			*ONLY APPLICABLE TO VAT REGISTERED SUPPLIERS 15% VAT			
			TOTAL PRICE			

\*VAT Registration No.(Supplier) .....

When Required (Requester): 3 SEPTEMBER 2018

Where Required (Requester): TONGAAT-VERULAM CLUSTER PROJECT as per attached GPS coordinates

Contact details of requester: MS B.P MSIBI

Tel: 076 821 6558

**(COMPULSORY)**

**COMPANY STAMP**



**PRICES ARE VALID FOR..... DAYS**

**SIGNATURE.....**

**DATE .....**

## TONGAAT VERULAM CLUSTER – FENCING ETHEK 2018/126

<b>NAME OF PROJECT</b>	<b>SOUTH</b>	<b>EAST</b>	<b>FENCING REQUIRED</b>
Thandizwe	29 39 35 15.2	31 03 20.339	0.51KM
V.A Khuluse	29 36 22.3216	30 56 56.69	0.48KM
B Ngcobo	29 35 32.2	30 57 53.3	0.31KM
Z.I Khuzwayo	29 36 04.37	30 57 43.11	0.32 KM
Bhekithemba	29 40 15.64	31 03 03.33	0.726 KM
Abaphumeleli	29 39 49.913	31 03 33.613	0.484 KM
FD MDladla	29 36 18.7551	30 5616.86	0.229 KM
P Ngcobo	29 39 40.596	30 59 29.243	0.368 KM
A Ngidi	29 35 19.6025	30 5748.8124	0.187 KM
Z Ngidi	29 35 19.6538	30 57 36.866	0.219 KM
NB Shangase	29 36 00.36	30 57 41.93	0.448 KM
			<b>4.821 KM</b>



# Terdapat vetiver di kawasan

co-ordinates = 30 56.56 69 E  
=29 36 22.3216 S

1 centimeter = 8 meters

Date: 20 / 05 / 2016



**Vetiver hedges required = 582 m.**



Area = 1.42Ha  
Perimeter = 482 m  
Slope = 10.19 %





**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project:** Tongaa Veralum - V. Khulu Tongaa Veralum - V. Khuluse

**TABLE OF CONTENTS:**

No.	Description	Page	Read / Complete
1.	Project Particulars and Specification	1-2	
2.	Bill of Quantities	4	Read
3.	Drawing A1	5	Complete
4.	Map of fence layout	6	Read

Appointment of a Service Provider to SUPPLY AND ERECT

0.48

kms of hinged joint fence at

Tongaa Veralum - V. Khuluse

**Background:**

The fence is to be erected approximately

60

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

0.482

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

**3.1 Supply:**

- of the specified materials listed in the Bill Of Quantities, Appendix 1.

**3.2 Delivery:**

- of all materials to **Project site**

**3.3 Erection:**

- according to the attached map, showing the fence layout.
- according to the Departmental Specifications in the attached drawing, Drawing A1.
- providing all equipment required for erection
- sourcing of at least 50% unskilled labour from the local community.

**3.4 Inspection and reporting:**

- Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
- On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
- The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
- Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
- Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material STRICTLY to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

**5.1 Competency:**

-bidders are required to provide an implementation plan including time frames from start to finish.

**5.2 Labour:**

-failure to provide a program will invalidate the bid.  
\* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.

**5.3 Site supervision**

\* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.

**5.4 Bid Format:**

Estimated time for payment is 30 days  
All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:
- 10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	Pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



# APPENDIX 1: BILL OF QUANTITIES

P.V.

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 1.0 - September 2010

**Project:** Tongaa Veralum - V. Khuluse  
**Fence Perimeter =** 482 m  
**District** DBNN  
**Contact Person** B. Jikijela  
**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	148	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	6	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	16	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Verulam Cluster - B. Ngcobo

Co-ordinates = 29 35 33.3526 S  
30 57 55.4068 E

1 centimeter = 9 meters

Contour Interval = 2 m

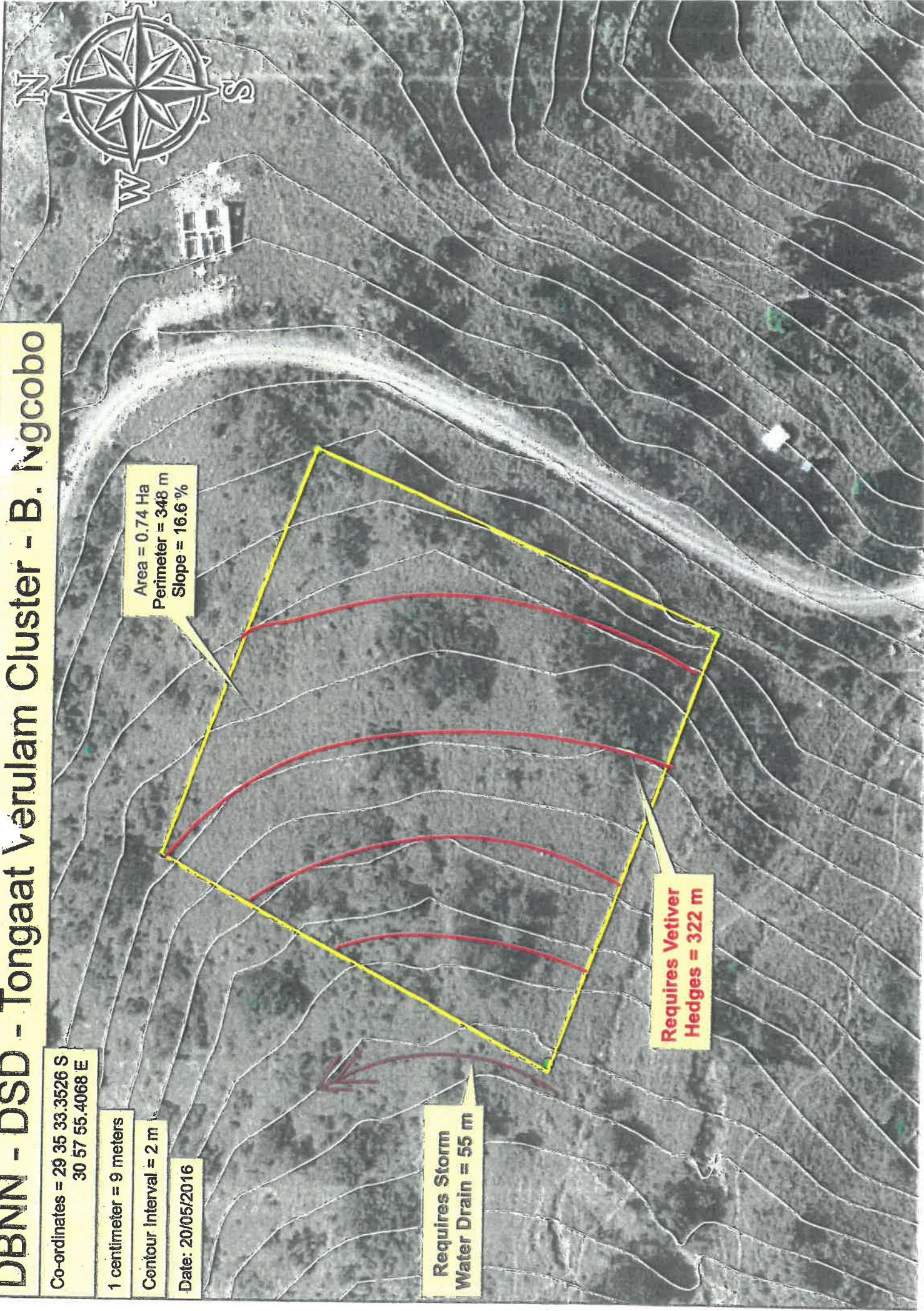
Date: 20/05/2016



Area = 0.74 Ha  
Perimeter = 348 m  
Slope = 16.6 %

Requires Storm  
Water Drain = 55 m

Requires Vetiver  
Hedges = 322 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: B. Ngcobo**

**B. Ngcobo**

**TABLE OF CONTENTS:**

No.	Section	Pages	Read / Completed
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

Appointment of a Service Provider to SUPPLY  
AND ERECT

**0.35**

kms of hinged joint  
fence at

**B. Ngcobo**

**1. Background:**

The fence is to be erected approximately

**60**

km from

**DBNN**

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

**0.348**

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to **Project site**
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractor's responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractor's own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency:
  - bidders are required to provide an implementation plan including time frames from start to finish.
  - failure to provide a program will invalidate the bid.
- 5.2 Labour:
  - \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision
  - \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.
  - Estimated time for payment is 30 days
- 5.4 Bid Format:
  - All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11. Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:  
10% maximum deviation (0.5m) from the specified spacings will be allowed.
- Boxes: Box length to be 1.05m (half a pole length).
- Compaction : Normal manual force against the poles must be absorbed.
- Straining: The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- Exposed Surfaces : All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12. Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after an order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13. Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14. Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEEE certificate) and functionality.

**15. Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16. Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



## APPENDIX 1: BILL OF QUANTITIES

### FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A

### 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

<b>Project:</b>	<b>B. Ngcobo</b>
<b>Fence Perimeter =</b>	<b>348 m</b>
<b>District</b>	<b>DBNN</b>
<b>Contact Person</b>	<b>B. Jikijela</b>
<b>Contact Number</b>	<b>082-8386792</b>

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
Site Clearing:					
2	Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	111	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <span style="color: red;">A (fully galvanised steel)</span> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	4	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	12	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	2	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE: This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010**



# DBNN - DSD - Tongaat Veralum Cluster - Z. I. Khuzwayo

1 centimeter = 10 meters

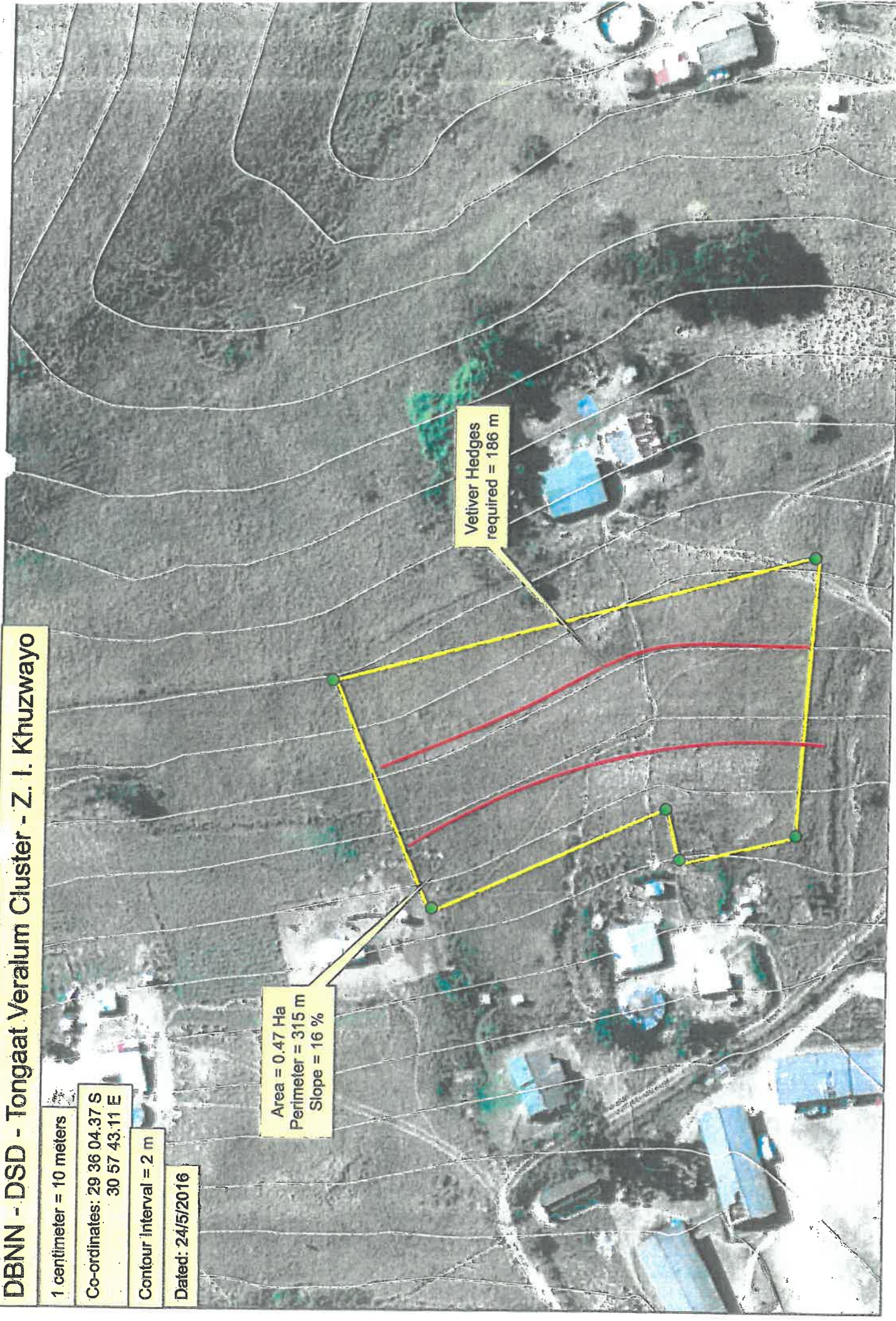
Co-ordinates: 29 36 04.37 S  
30 57 43.11 E

Contour Interval = 2 m

Dated: 24/5/2016

Area = 0.47 Ha  
Perimeter = 315 m  
Slope = 16 %

Vetiver Hedges  
required = 186 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: Z. I. Khuzwao**

**Z. I. Khuzwao**

**TABLE OF CONTENTS:**

No.	Description	Pages	Read / Complete
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

**Appointment of a Service Provider to SUPPLY AND ERECT**

**0.32**

kms of hinged joint fence at

**Z. I. Khuzwao**

**1. Background:**

The fence is to be erected approximately

65

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

0.315

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to **Project site**
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency:
  - bidders are required to provide an implementation plan including time frames from start to finish.
  - failure to provide a program will invalidate the bid.
- 5.2 Labour:
  - \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision
  - \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.
  - Estimated time for payment is 30 days
- 5.4 Bid Format:
  - All documents in the bid document are to be completed. All quotations and claims must include VAT.



**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m: 10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment shedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792

## APPENDIX 1: BILL OF QUANTITIES

### FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A

### 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

**Project:** Z. I. Khuzwao

**Fence Perimeter =** 315 m

**District** DBNN

**Contact Person** B. Jikijela

**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	111	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	4	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	12	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Veralum Cluster - Bhekithemba

1 centimeter = 15 meters

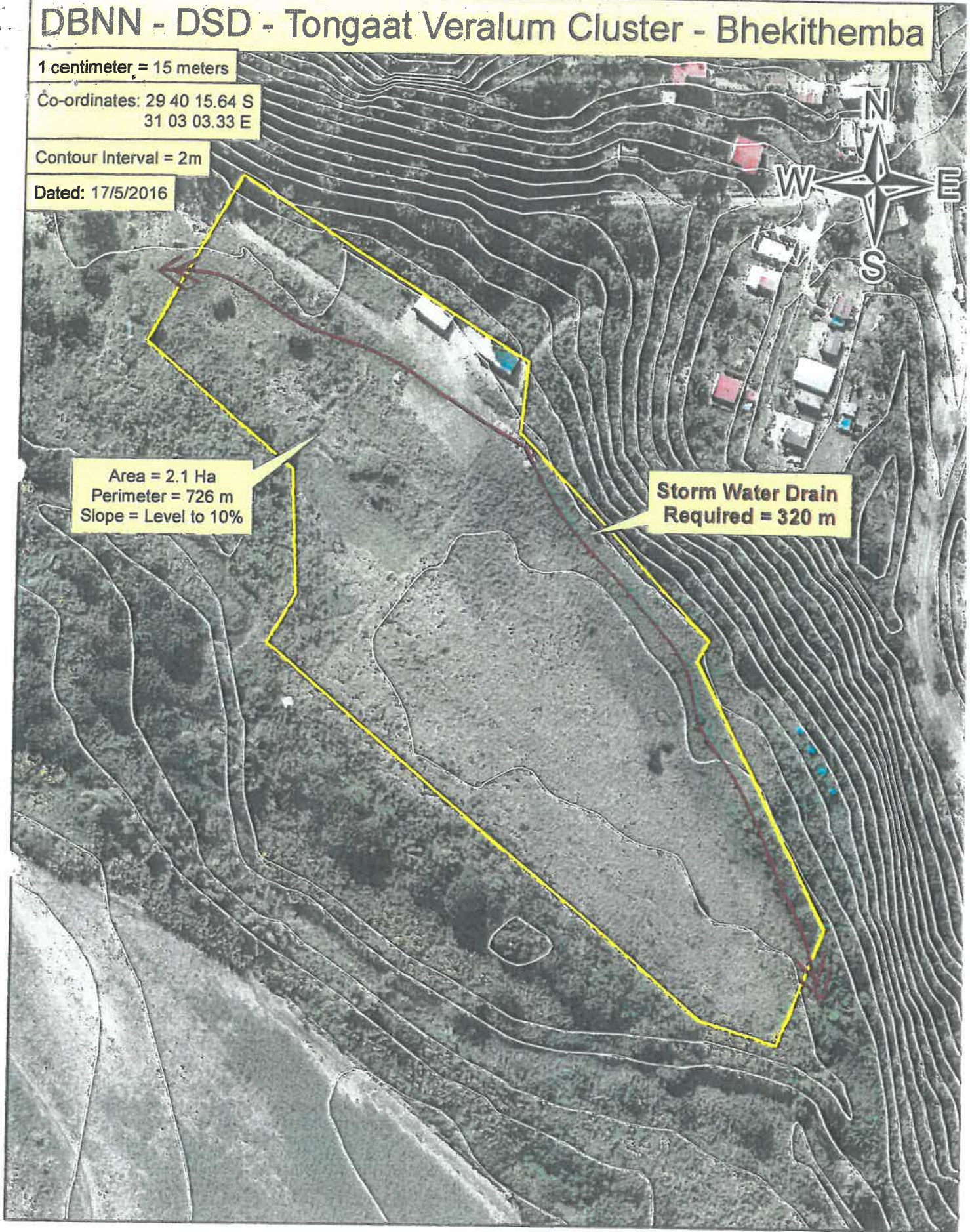
Co-ordinates: 29 40 15.64 S  
31 03 03.33 E

Contour Interval = 2m

Dated: 17/5/2016

Area = 2.1 Ha  
Perimeter = 726 m  
Slope = Level to 10%

Storm Water Drain  
Required = 320 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**  
 >>> SUPPLY AND ERECTION <<<<

**BID DOCUMENT**

**Project: Bhekithemba Bhekithemba**

**TABLE OF CONTENTS:**

No.	Description	Page	Read / Complete
1.	Project Particulars and Specification	1-2	
2.	Bill of Quantities	4	Read
3.	Drawing A1	5	Complete
4.	Map of fence layout	6	Read

**Appointment of a Service Provider to SUPPLY AND ERECT 0.73 kms of hinged joint fence at Bhekithemba**

**1. Background:**

The fence is to be erected approximately 50 km from DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of 0.726 km.  
 The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.  
 The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to Project site
- 3.3 Erection: - according to the attached map, showing the fence layout.  
 - according to the Departmental Specifications in the attached drawing, Drawing A1.  
 - providing all equipment required for erection  
 - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material STRICTLY to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency: - bidders are required to provide an implementation plan including time frames from start to finish.  
 - failure to provide a program will invalidate the bid.
- 5.2 Labour: \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.  
 Estimated time for payment is 30 days
- 5.4 Bid Format: All documents in the bid document are to be completed. All quotations and claims must include VAT.

## 6. Validity Period for Bid:

Bids shall remain valid for a period of 90 days from the date that the bid closes.

## 7. Compulsory Pre-Bid Tender Meeting:

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

## 8. Site Hand Over to the Contractor:

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

## 9. Water and Electricity:

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

## 10. Housing of Contractors Employees:

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

## 11. Specification:

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:  
10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

## 12. Timetable/Timing:

The contractor must be on site and commence construction no later than 1 week after an order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

## 13. Management Arrangements and Reporting Requirements:

G. Naidoo is the **Local** Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

## 14. Evaluation Criteria:

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEEE certificate) and functionality.

## 15. Payment Schedule:

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

## 16. Enquiries:

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



## APPENDIX 1: BILL OF QUANTITIES

### FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

**Project:** Bhekithemba

**Fence Perimeter =** 726 m

**District** DBNN

**Contact Person** B. Jikijela

**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
Site Clearing:					
2	Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	209	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	8	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	26	Pack(s)		
7	<b>Gate:</b> 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	<b>Gate:</b> 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	<b>Gate:</b> 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate frames		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	5	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010

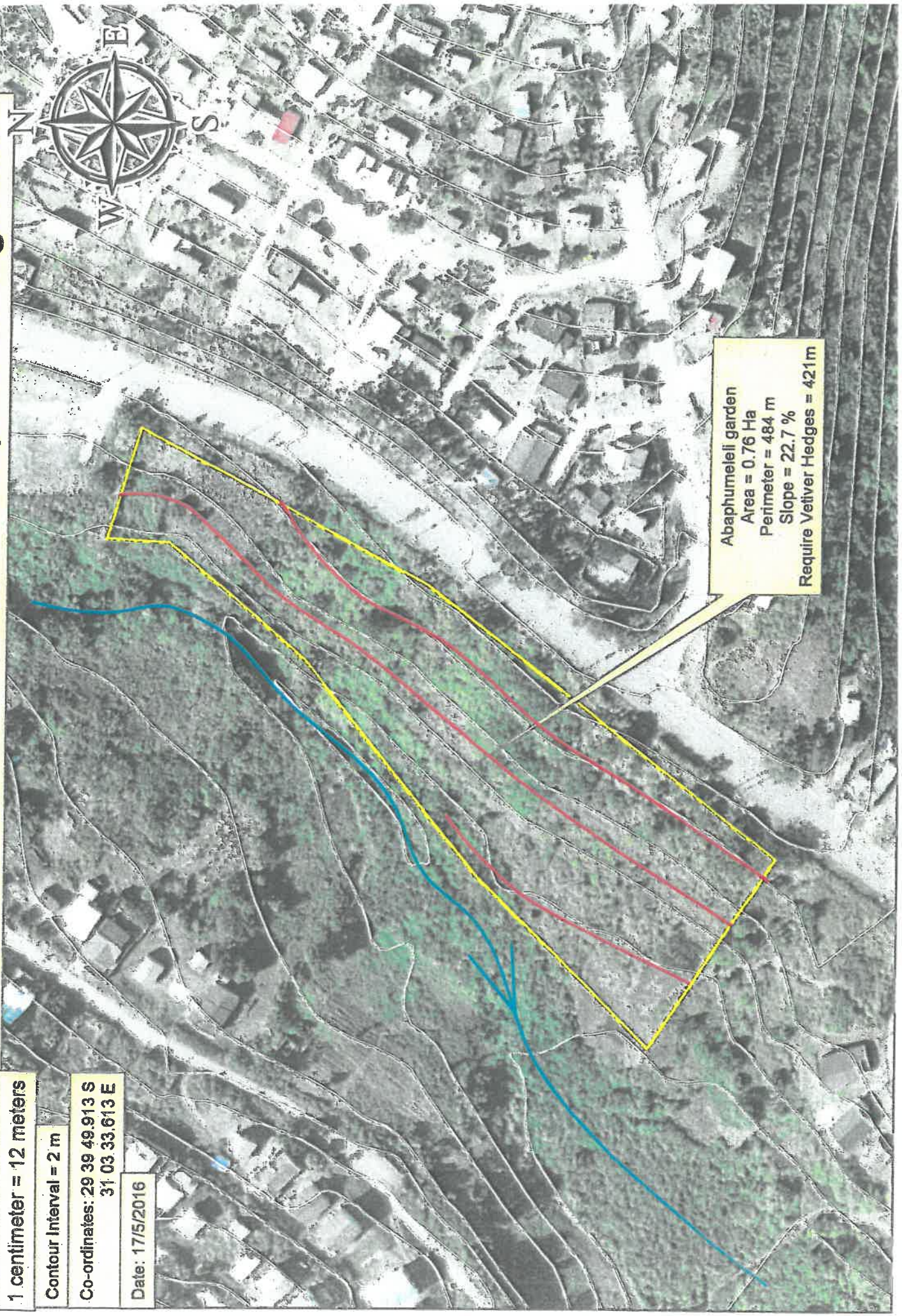


# DBNN - DSD - Tongaat Verulam Cluster - Abaphumeleli gardens.

1 centimeter = 12 meters  
Contour Interval = 2 m  
Co-ordinates: 29 39 49.913 S  
31 03 33.613 E  
Date: 17/5/2016



Abaphumeleli garden  
Area = 0.76 Ha  
Perimeter = 484 m  
Slope = 22.7 %  
Require Vetiver Hedges = 421m







agriculture  
& rural development

Department:  
agriculture  
& rural development  
PROVINCE OF KWAZULU-NATAL

## MESH FENCING/ PREMANUFACTURED HINGED JOINT

>>> SUPPLY AND ERECTION <<<

### BID DOCUMENT

**Project: Abaphumeleli**

Abaphumeleli

#### TABLE OF CONTENTS:

No.	Description	Page No.	Remarks
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

#### Appointment of a Service Provider to SUPPLY AND ERECT

0.48

kms of hinged joint fence at

**Abaphumeleli**

#### 1. Background:

The fence is to be erected approximately

65

km from

DBNN

#### 2. Specific Objective:

Supply, deliver and fully erect a hinged joint fence of

0.484

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

#### 3. Scope of Objectives:

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to **Project site**
- 3.3 Erection: - according to the attached map, showing the fence layout.  
- according to the Departmental Specifications in the attached drawing, Drawing A1.  
- providing all equipment required for erection  
- sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
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- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
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- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

#### 5. Competence and Expertise:

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency: -bidders are required to provide an implementation plan including time frames from start to finish.  
-failure to provide a program will invalidate the bid.
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- 5.3 Site supervision \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.  
Estimated time for payment is 30 days
- 5.4 Bid Format: All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

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4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16. Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



## APPENDIX 1: BILL OF QUANTITIES

### FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Revision 4.0 - September 2015

**Project:** Abaphumeleli  
**Fence Perimeter =** 484 m  
**District** DBNN  
**Contact Person** B. Jikijela  
**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
Site Clearing:					
2	Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	158	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	6	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	17	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Verulam Cluster - F. D. Mdladla

Co-ordinates = 29 36 18.7551 S  
30 56 16.8609 E

1 centimeter = 8 meters

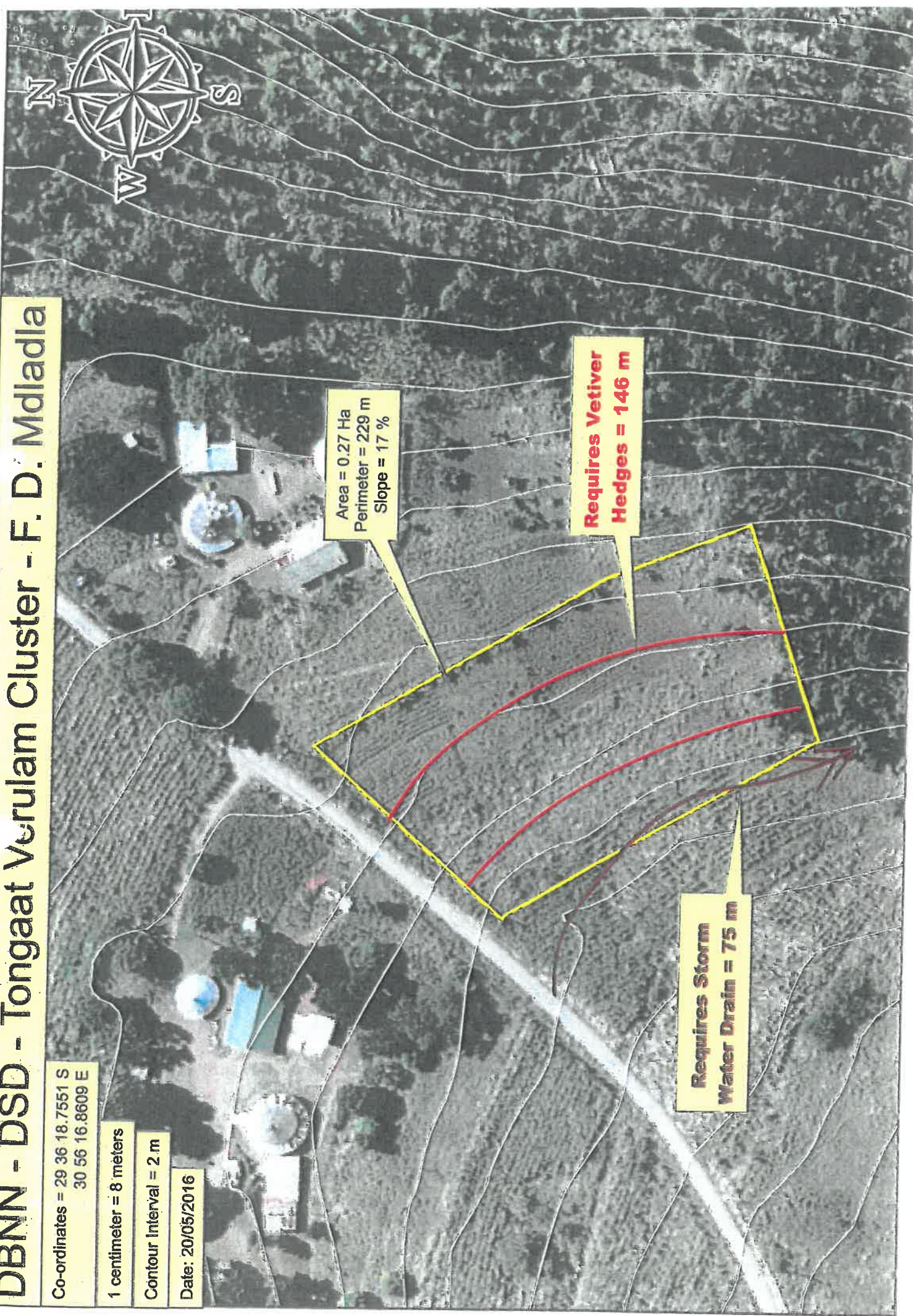
Contour interval = 2 m

Date: 20/05/2016

Area = 0.27 Ha  
Perimeter = 229 m  
Slope = 17 %

Requires Vetiver  
Hedges = 146 m

Requires Storm  
Water Drain = 75 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: F. D. Madlala**

F. D. Madlala

**TABLE OF CONTENTS:**

No.	Section	Pages	Read/ Complete
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

**Appointment of a Service Provider to SUPPLY AND ERECT**

**0.23**

**kms of hinged joint fence at**

**F. D. Madlala**

**1. Background:**

The fence is to be erected approximately

60

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

0.229

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to **Project site**
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency:
  - bidders are required to provide an implementation plan including time frames from start to finish.
  - failure to provide a program will invalidate the bid.
- 5.2 Labour:
  - \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision
  - \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.
- 5.4 Bid Format:
  - Estimated time for payment is 30 days
  - All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m: 10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

the following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



# APPENDIX 1: BILL OF QUANTITIES

P.P.

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

**Project:** F. D. Madlala

**Fence Perimeter =** 229 m

**District** DBNN

**Contact Person** B. Jikijela

**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		<del>                    </del>
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		<del>                    </del>
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	1	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	87	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <span style="color: red;">A (fully galvanised steel)</span> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	3	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	9	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	2	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <span style="color: red;">A (fully galvanised steel)</span>	1	Roll of 5kg		
12	Erection Cost	Sum	1		<del>                    </del>
13	Transport Cost, including loading, delivery and off-loading	Sum	1		<del>                    </del>
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Varalum Cluster - Philangezwi Ngcobo

1 centimeter = 10 meters

Co-ordinates: 29 39 40.596 S  
30 59 29.243 E

Contour Interval = 2 m

Dated: 24/5/2016

Area = 0.6 Ha  
Perimeter = 368 m  
Slope =

Requires Storm  
Water Drain = 169 m

Require Vetiver  
Hedges = 264 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: Philangezwi Ngcobo Philangezwi Ngcobo**

**TABLE OF CONTENTS:**

No.	Section	Pages	Read / Complete
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

**Appointment of a Service Provider to SUPPLY AND ERECT 0.37 kms of hinged joint fence at Philangezwi Ngcobo**

**1. Background:**

The fence is to be erected approximately 70 km from DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of 0.368 km.  
The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.  
The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to Project site
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material STRICTLY to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency: -bidders are required to provide an implementation plan including time frames from start to finish.  
-failure to provide a program will invalidate the bid.
- 5.2 Labour: \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.  
Estimated time for payment is 30 days
- 5.4 Bid Format: All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:  
10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (I.e. preference points as per BBBEEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment shedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo Local Manager  
 B. Jikijela Project manager

Contact Number  
 Contact Number

082-7772371  
 082-8386792



# APPENDIX 1: BILL OF QUANTITIES

P.P.

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

**Project:** Philangezwi Ngcobo  
**Fence Perimeter =** 368 m  
**District** DBNN  
**Contact Person** B. Jikijela  
**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		<del>                    </del>
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		<del>                    </del>
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	127	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	5	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	14	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		<del>                    </del>
13	Transport Cost, including loading, delivery and off-loading	Sum	1		<del>                    </del>
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Verulam Cluster - A. Nyidi

Co-ordinates = 29 35 19.6025 S  
30 57 48.8124 E

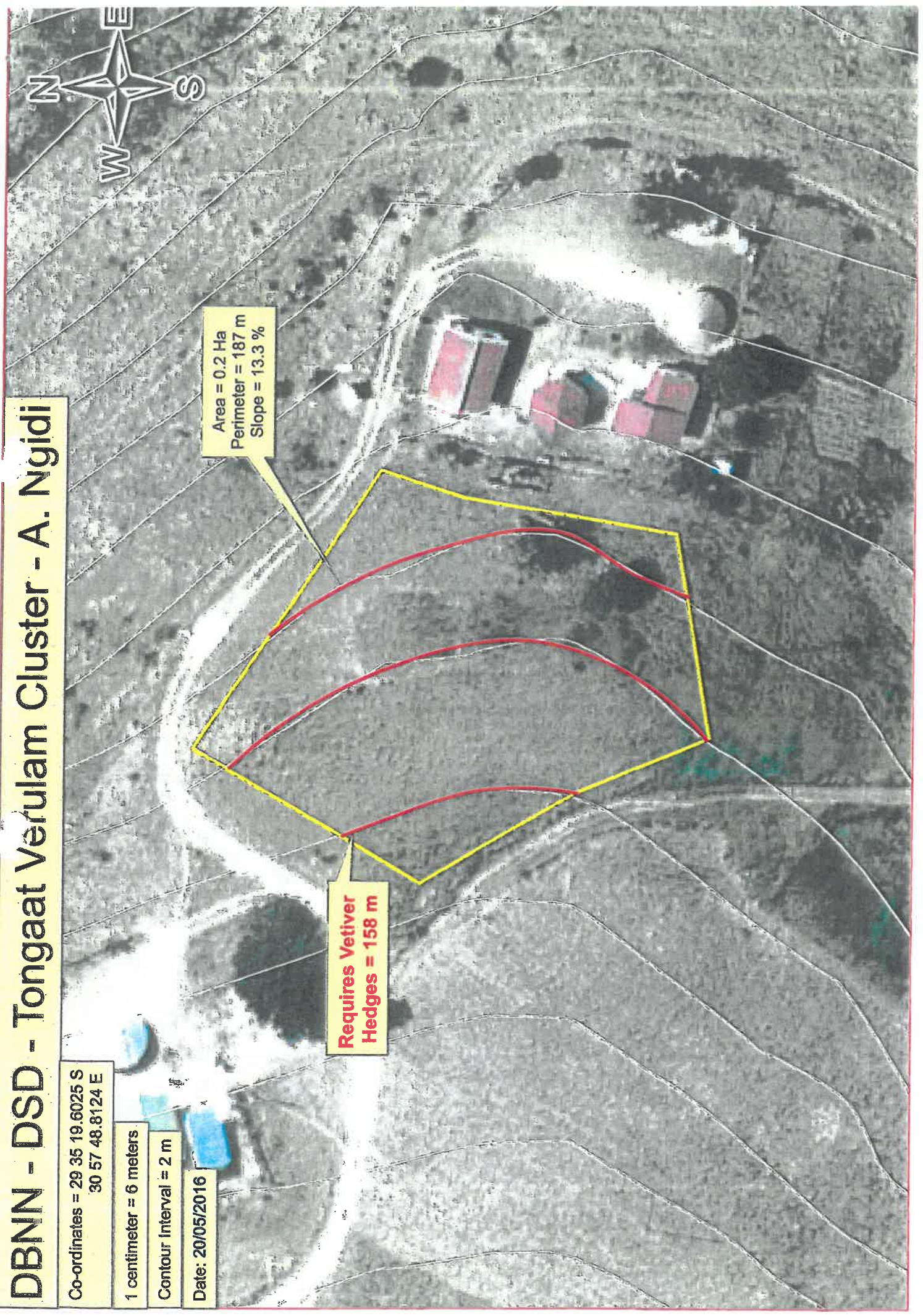
1 centimeter = 6 meters

Contour Interval = 2 m

Date: 20/05/2016

Area = 0.2 Ha  
Perimeter = 187 m  
Slope = 13.3 %

Requires Vetiver  
Hedges = 158 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: A. Ngidi**

A. Ngidi

**TABLE OF CONTENTS:**

No.	Section	Pages	Read / Complete
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

Appointment of a Service Provider to SUPPLY AND ERECT

0.19

kms of hinged joint fence at

A. Ngidi

**1. Background:**

The fence is to be erected approximately

60

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

0.187

km.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to Project site
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material STRICTLY to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency:
  - bidders are required to provide an implementation plan including time frames from start to finish.
  - failure to provide a program will invalidate the bid.
- 5.2 Labour:
  - \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision
  - \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.
  - Estimated time for payment is 30 days
- 5.4 Bid Format:
  - All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m: 10% maximum deviation (0.5m) from the specified spacings will be allowed.
- Boxes: Box length to be 1.05m (half a pole length).
- Compaction : Normal manual force against the poles must be absorbed.
- Straining: The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- Exposed Surfaces : All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



# APPENDIX 1: BILL OF QUANTITIES

P.P

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

<b>Project:</b>	<b>A. Ngidi</b>
<b>Fence Perimeter =</b>	<b>187 m</b>
<b>District</b>	<b>DBNN</b>
<b>Contact Person</b>	<b>B. Jikijela</b>
<b>Contact Number</b>	<b>082-8386792</b>

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	85	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	3	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	9	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam. pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <b>frames</b>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE: This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010**



# DBNN - DSD - Tongaat Verulam Cluster - Z. Ngidi

Co-ordinates = 29 35 19.6538 S  
30 57 36.866 E

1 centimeter = 8 meters

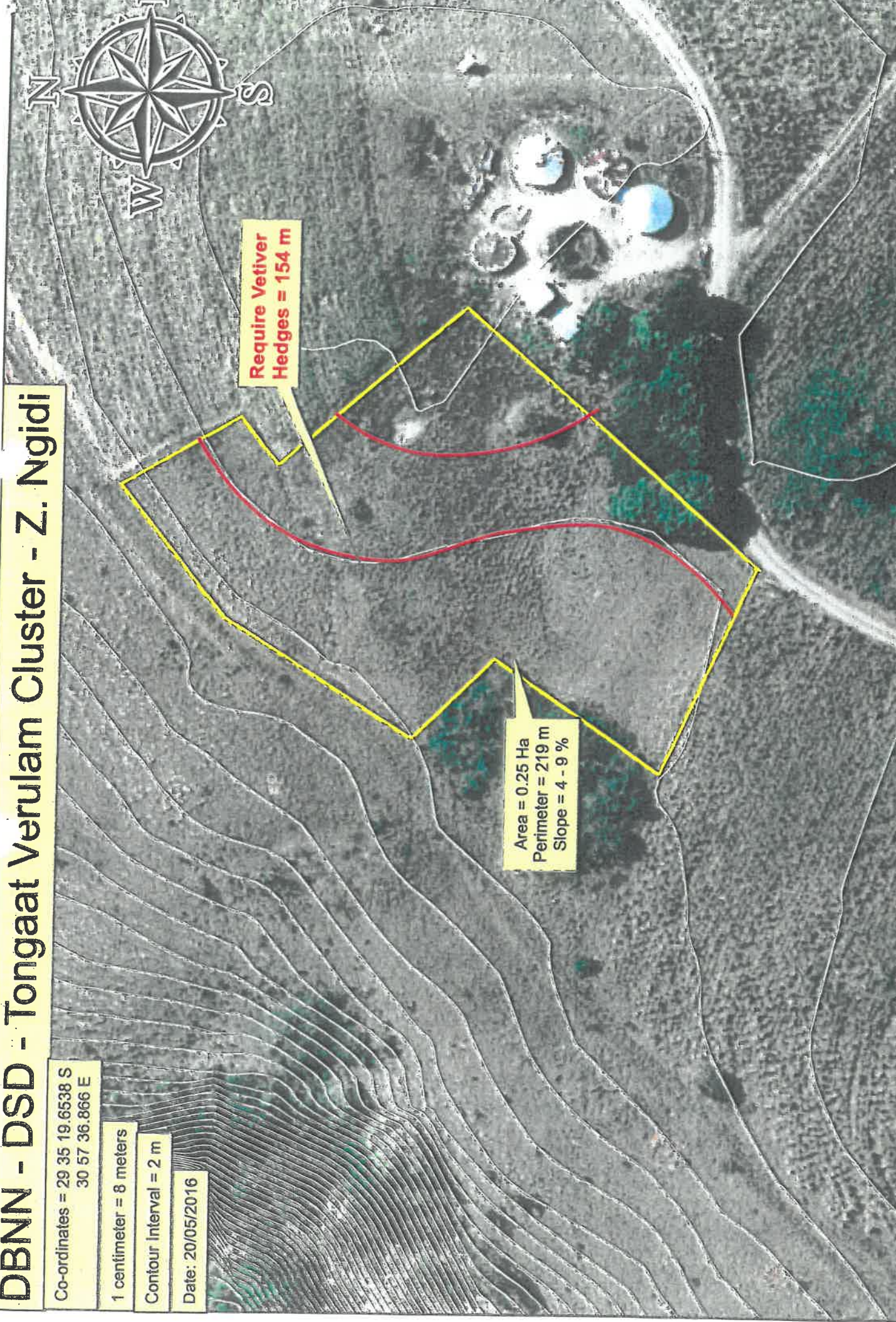
Contour Interval = 2 m

Date: 20/05/2016



Require Vetiver  
Hedges = 154 m

Area = 0.25 Ha  
Perimeter = 219 m  
Slope = 4 - 9 %







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<

**BID DOCUMENT**

**Project: Z. Ngidi**

Z. Ngidi

**TABLE OF CONTENTS:**

No.	Section	Pages	Read/Complete
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

**Appointment of a Service Provider to SUPPLY AND ERECT**

**0.31**

kms of hinged joint fence at

**Z. Ngidi**

**1. Background:**

The fence is to be erected approximately

60

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

0.305

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

**3.1 Supply:**

- of the specified materials listed in the Bill Of Quantities, Appendix 1.

**3.2 Delivery:**

- of all materials to **Project site**

**3.3 Erection:**

- according to the attached map, showing the fence layout.
- according to the Departmental Specifications in the attached drawing, Drawing A1.
- providing all equipment required for erection
- sourcing of at least 50% unskilled labour from the local community.

**3.4 Inspection and reporting:**

- Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
- On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
- The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
- Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
- Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractor's responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractor's own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

**5.1 Competency:**

- bidders are required to provide an implementation plan including time frames from start to finish.
- failure to provide a program will invalidate the bid.

**5.2 Labour:**

- \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.

**5.3 Site supervision**

- \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment. Estimated time for payment is 30 days

**5.4 Bid Format:**

- All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11 Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:  
10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12 Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13 Management Arrangements and Reporting Requirements:**

G. Naidoo is the Local Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14 Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

**TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket**

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBEEE certificate) and functionality.

**15 Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16 Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



# APPENDIX 1: BILL OF QUANTITIES

p.p

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

**Project:** Z. Ngidi  
**Fence Perimeter =** 305 m  
**District** DBNN  
**Contact Person** B. Jikijela  
**Contact Number** 082-8386792

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <b>A (fully galvanised steel)</b>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	108	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <b>A (fully galvanised steel)</b> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	4	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	13	Pack(s)		
7	<b>Gate:</b> 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	<b>Gate:</b> 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	<b>Gate:</b> 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <b>frames</b>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <b>A (fully galvanised steel)</b>	3	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <b>A (fully galvanised steel)</b>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE:** This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010



# DBNN - DSD - Tongaat Veraium Cluster - N. B. Shangase

1 centimeter = 10 meters

Co-ordinates: 29 36 00.36 S  
30 57 41.93 E

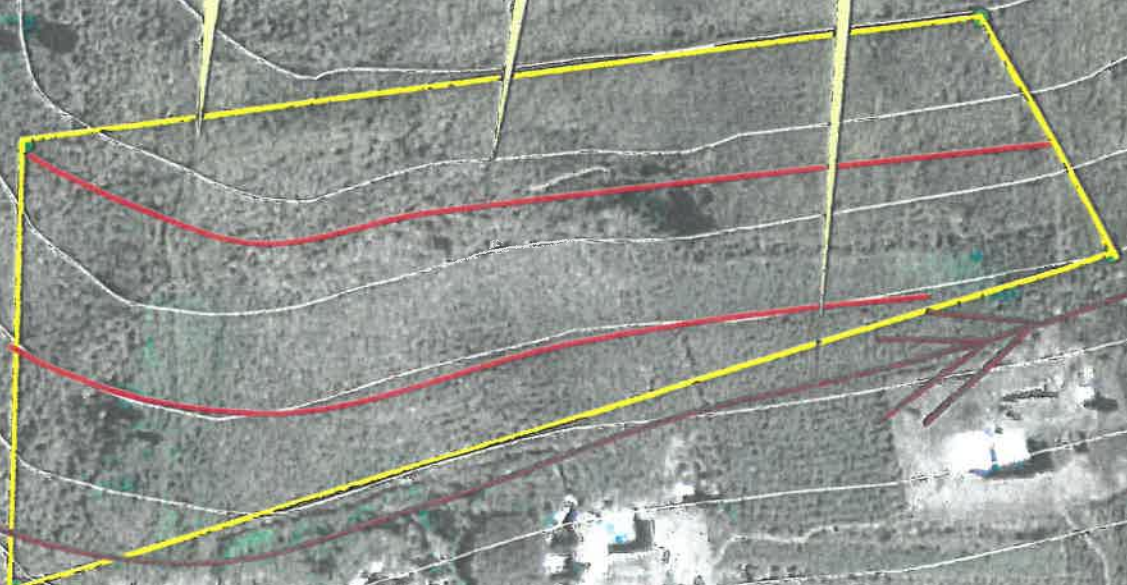
Contour interval = 2 m

Dated: 24/5/2016

Area = 0.65 Ha  
Perimeter = 448 m  
Slope = 16 %

Vetiver Hedges  
Required = 275 m

Storm Water Drain  
Required = 167 m







**MESH FENCING/ PREMANUFACTURED HINGED JOINT**

>>> SUPPLY AND ERECTION <<<<

**BID DOCUMENT**

**Project: N. B. Shangase**

N. B. Shangase

**TABLE OF CONTENTS:**

No.	Section	Pages	Detail / Comments
1.	Project Particulars and Specification	1-2	Read
2.	Bill of Quantities	4	Complete
3.	Drawing A1	5	Read
4.	Map of fence layout	6	Read

Appointment of a Service Provider to SUPPLY  
AND ERECT

0.45

kms of hinged joint  
fence at

N. B. Shangase

**1. Background:**

The fence is to be erected approximately

60

km from

DBNN

**2. Specific Objective:**

Supply, deliver and fully erect a hinged joint fence of

0.448

km.

The fence must be erected in accordance with the specification in the attached drawing, Drawing A1.

**3. Scope of Objectives:**

Supply and erect a 1.2m hinged joint fence with 3 strands of double twist barbed wire above.

The following services are required:

- 3.1 Supply: - of the specified materials listed in the Bill Of Quantities, Appendix 1.
- 3.2 Delivery: - of all materials to **Project site**
- 3.3 Erection:
  - according to the attached map, showing the fence layout.
  - according to the Departmental Specifications in the attached drawing, Drawing A1.
  - providing all equipment required for erection
  - sourcing of at least 50% unskilled labour from the local community.
- 3.4 Inspection and reporting:
  - Weekly inspection reports of progress must be submitted on Monday morning to the contact person.
  - On site inspections will be conducted by Departmental staff to check all completed work before any payments can be made
  - The contractor is responsible to check that the tendered distance is correct. Failure to check the distance before starting the installation will result in the contractor not being paid for any excess/extra material that the contractor has purchased. The contractor will only be paid for materials that have been used. Where the tendered distance is lower than the required distance the contractor must not exceed the tender amount prior to receiving authorization in the form of a variation order.
  - Accurate distances of all erected fences are to be kept by the service provider as only work that has been done will be paid for. Any fencing installed over the order amount will not be paid for unless prior permission has been obtained to exceed the order amount.
  - Site meetings and project steering committee meetings to be held when necessary and minutes to be kept by the SP

**4. Deliverables:**

- 4.1 Fencing materials according to the Bill of Quantities in Appendix 1.
- 4.2 Construction of the fence according to the specifications provided in Drawing A1. If Drawing A1 was not attached to the tender documents it is the contractors responsibility to obtain the drawing before submitting the tender. Failure to erect the fence according to the Departmental specification will result in the contractor having to re-install the fence at the contractors own expense.
- 4.3 Weekly written progress reports to the Local Agricultural Manager, outlining progress, daily activities and quantities of materials used.
- 4.4 Submission of full closeout report including materials used, job opportunities created in EPWP format for the duration of the project.
- 4.5 Attendance of steering committee meetings and the provision of minutes if called for.
- 4.6 Any excess material **STRICTLY** to be left with the project beneficiaries.

**5. Competence and Expertise:**

It is essential that the work be carried out by fully competent personnel with proven experience in fencing and Project Management.

- 5.1 Competency:
  - bidders are required to provide an implementation plan including time frames from start to finish.
  - failure to provide a program will invalidate the bid.
- 5.2 Labour:
  - \* skilled and semi-skilled labour only to be provided by the contractor. At least 50% unskilled labour is to be sourced from the local community.
- 5.3 Site supervision
  - \* Project Manager/Technician on site to supervise work done, quality control and certify work for payment.
  - Estimated time for payment is 30 days
- 5.4 Bid Format:
  - All documents in the bid document are to be completed. All quotations and claims must include VAT.

**6. Validity Period for Bid:**

Bids shall remain valid for a period of 90 days from the date that the bid closes.

**7. Compulsory Pre-Bid Tender Meeting:**

A compulsory pre-bid site meeting will be held with prospective bidders. Failure to attend this meeting will invalidate the bid.

**8. Site Hand Over to the Contractor:**

The contractor will be introduced to the project participants following the awarding of the tender. The site will be handed over to the contractor who will control the site for the duration of the project. The contractor will be responsible for the administration, control and security for the site. It is up to the contractor to arrange insurance as the contractor is responsible for and theft or damage that occurs on site and will have to pay.

**9. Water and Electricity:**

There is no piped water and electricity on site. The contractor shall make the necessary arrangements for the provision of any water and electricity. Any cost to acquire water and electricity must be added to the bid amount as no extra funding will be received.

**10. Housing of Contractors Employees:**

No housing is available for the contractors employees and the contractor shall make arrangements to and from site. It is up to the contractor to arrange any short term accommodation with the project participants. The contractor is responsible for any financial expenses for housing employees on site.

**11. Specification:**

Refer to Bill of Quantities and Drawings .

- Spacing of wooden poles: 5.0m:  
10% maximum deviation (0.5m) from the specified spacings will be allowed.
- **Boxes: Box length to be 1.05m (half a pole length).**
- **Compaction :** Normal manual force against the poles must be absorbed.
- **Straining:** The hinged joint section & barbed wire to be strained. If the fence is pulled down, it must recover to it's original position. Fence is to be strained using appropriate straining equipment.
- **Exposed Surfaces :** All exposed surfaces where poles have been sawed off are to be painted with creosote.

**12. Timetable/Timing:**

The contractor must be on site and commence construction no later than 1 week after on order has been issued. Where more than 1 payment is required, the contractor must indicate the number of part payments that will be required in the tender documents. Claims for work that has been completed and verified can be submitted on a monthly basis. No more than 1 claim per month will be accepted.

**13. Management Arrangements and Reporting Requirements:**

G. Naidoo is the **Local** Manager. Any matters regarding the district staff or any complaints should be directed to him/her.

**14. Evaluation Criteria:**

The following minimum CIDB designations are required:

Farm fencing (barbed/razor wire/hinged joint) < 5km:	1SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) 5 - 15km:	2SQ/CE/GB
Farm fencing (barbed/razor wire/hinged joint) > 15km:	3SQ/CE/GB

**TABLE 1A: Minimum CIDB designation requirements per length of fencing bracket**

Award of work to the successful bidder will be based on Price, Departmental Goals (i.e. preference points as per BBBEE certificate) and functionality.

**15. Payment Schedule:**

Claims for work that has been completed can be made according to the following payment schedule:

1 Site Establishment:	5%
2 Material delivered to site (with invoice)	Invoiced Amount
3 Completed sections of fence (per m)	pro rata tender amount (less 1+2+4)
4 Retention	5%

A 5% retention will be kept for 3 months after works have been completed to make sure that the standard of work that has been done is satisfactory.

**16. Enquiries:**

G. Naidoo	Local Manager	Contact Number	082-7772371
B. Jikijela	Project manager	Contact Number	082-8386792



# APPENDIX 1: BILL OF QUANTITIES

8.8

## FOR THE SUPPLY OF MATERIALS FOR AND ERECTION OF A

### 1.2m Hinged joint fence with 3 strands of barbed wire above (Total Height 1.7m)

Version 4.0 - September 2013

<b>Project:</b>	<b>N. B. Shangase</b>
<b>Fence Perimeter =</b>	<b>448 m</b>
<b>District</b>	<b>DBNN</b>
<b>Contact Person</b>	<b>B. Jikijela</b>
<b>Contact Number</b>	<b>082-8386792</b>

No.	Item Description	Quantity Required		Unit Price	Total Cost
<b>General:</b>					
1	Site establishment.	Sum	1		
2	Site Clearing: Removal of any existing fences. Bush clearing required.	Sum	1		
<b>Materials:</b>					
3	Fully Galvanized barbed wire 1.6mm diameter High Tensile double strand 845m per roll Galvanized Class <span style="border: 1px solid black; padding: 2px;">A (fully galvanised steel)</span>	2	Roll(s) of 845m length		
4	2.4m Standard Creosote Poles Pressure treated, SABS approved 100 - 125mmØ	137	Poles		
5	Hinged Joint Fence, 1.2m high (eg. Veldspan/Bonnox/or equivalent) Galvanized Class <span style="border: 1px solid black; padding: 2px;">A (fully galvanised steel)</span> Vertical wire apertures:150mm. Horizontal wires at 75/88/102/114/127/140mm. 100m rolls	6	Roll(s) of 100m length		
6	Galvanized Wire Staples 3.15 x 32mm 500g packs	15	Pack(s)		
7	Gate: 900 (w) x 1800 (h)mm pedestrian gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	1	Gate(s)		
8	Gate: 3600 (w) x 1800 (h)mm Vehicle farm gate Hot dip galvanized finish 40 - 50mm diam pipe frame wall thickness of 1.6mm min Hinge eye bolts, include chain	0	Gate(s)		
9	Gate: 2400 (w) x 1800mm (h) tractor gate (2 frames per gate, HDG finish, 40-50mm diam.pipe frame, wall thickness 1.6mm min - hinge eye bolts - include chain	2	Gate <u>frames</u>		
10	8 ga straining wire, 4mm diam, 5kg(50m) rolls Galvanized Class <span style="border: 1px solid black; padding: 2px;">A (fully galvanised steel)</span>	2	Roll(s)of 5kg		
11	12 ga binding wire, 2.5mm diam, 5kg (130m) roll Galvanized Class <span style="border: 1px solid black; padding: 2px;">A (fully galvanised steel)</span>	1	Roll of 5kg		
12	Erection Cost	Sum	1		
13	Transport Cost, including loading, delivery and off-loading	Sum	1		
<b>SUB-TOTAL</b>					
<b>VAT</b>					
<b>TOTAL</b>					

**NOTE: This Bill of Quantities must be read in conjunction with DRAWING no. A1 Dated 22/10/2010**

## DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state<sup>1</sup>, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
    - the bidder is employed by the state; and/or
    - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
  
  2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**
    - 2.1 Full Name of bidder or his or her representative:  
.....
    - 2.2 Identity Number:  
.....
    - 2.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>, member):  
.....
    - 2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:  
.....
    - 2.5 Tax Reference Number:  
.....
    - 2.6 VAT Registration Number:  
.....
    - 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.
-



1"State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

2"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

**Please clearly indicate, with an 'X' only one box that is applicable to your business or firm**

2.7 Are you or any person connected with the bidder presently employed by the state? 

YES	NO
-----	----

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/member:

.....

Name of state institution at which you or the person connected to the bidder is employed

.....

Position occupied in the state institution:

.....

Any other particulars:

.....

2.7.2 If you are presently employed by the state, did you obtain 

YES	NO
-----	----

the appropriate authority to undertake remunerative work outside employment in the public sector?

If yes, did you attach proof of such authority to the bid document?

YES	NO
-----	----

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)

2.7.2.1 If no, furnish reasons for non-submission of such proof:

.....

.....

**2.8** Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?

YES	NO
-----	----

**2.8.1** If so, furnish particulars:

.....

.....

**2.9** Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

YES	NO
-----	----

**2.9.1** If so, furnish particulars.

.....

.....

**2.10** Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?

YES	NO
-----	----

**2.10.1** If so, furnish particulars.

.....

.....

**2.11** Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES	NO
-----	----

**2.11.1** If so, furnish particulars:

.....

.....



**3 Full details of directors / trustees / members / shareholders.**

Full Name	Identity Number	Personal Income Tax Reference Number	State Employee Number / Persal Number

**4 DECLARATION**

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
Name of bidder

.....  
Position

.....  
Signature

.....  
Date

## CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids<sup>1</sup> invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.



### CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

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(Bid Number and Description)

in response to the invitation for the bid made by:

---

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.

7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....

Signature

.....

Date

.....

Position

.....

Name of Bidder